

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Black Rascal Diversion	Right	1.61	10/20/2015 10/20/2015	Herman Phillips

LM Start		Rating **	A	Issue No.	7
LM End		Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Operations & Maintenance Manuals			°	
				°	
DWR ID	DWR_NA0013_01_s _ 2012_7				
Action/Comments					
Inspector Comments: The Merced County Streams Group has the O&M Manual on hand.					

No Photos

LM Start		Rating **	A	Issue No.	8
LM End		Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Emergency Supplies & Equipment			°	
				°	
DWR ID	DWR_NA0013_01_s _ 2012_8				
Action/Comments					
Inspector Comments: There is a good storage of emergency supplies on hand.					

No Photos

LM Start		Rating **	A	Issue No.	9
LM End		Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Flood Preparedness & Training			°	
				°	
DWR ID	DWR_NA0013_01_s _ 2012_9				
Action/Comments					
Inspector Comments: Merced Streams Group send their crews to flood fight training yearly, making sure all have been prepared.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Black Rascal Diversion	Right	1.61	10/20/2015 10/20/2015	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	1
LM End	0.32	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.314698 °	37.319278 °
				-120.396397 °	-120.396582 °
DWR ID	DWR_NA0013_01_f _ 2015_1				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: No unwanted vegetation on the levee slopes.					

Photo 1 of 1 : FA_2015_NA0013_331_1_20151020_00001.jpg



Black Rascal Creek looking downstream from levee mile 0.00 waterside slope.

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.314698 °	37.321980 °
				-120.396397 °	-120.396588 °
DWR ID	DWR_NA0013_01_f_2015_2				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: No unwanted vegetation on the landside slope.					

Photo 1 of 1 : FA_2015_NA0013_331_2_20151020_00002.jpg



Black Rascal Creek looking downstream from the landside levee slope.

LM Start	0.33	Rating **	M	Issue No.	3
LM End	1.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.319347 °	37.332520 °
				-120.396585 °	-120.394767 °
DWR ID	DWR_NA0013_01_f_2015_3				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Vegetation here has been sprayed however the dead brush remains on the slope.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Unit No. 01 Black Rascal Diversion	Right	1.61	10/20/2015 10/20/2015	Herman Phillips

LM Start	0.51	Rating **	M	Issue No.	5
LM End	1.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation				° 37.332520 °
					° -120.394767 °
DWR ID	DWR_NA0013_01_f _ 2015_5				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Johnson grass present on the shoulder, pears to be sprayed however all hasn't been killed and still remains on the levee section.					

No Photos

LM Start	1.24	Rating **	M	Issue No.	4
LM End	1.24	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			37.332165 °	37.332165 °
				-120.394698 °	-120.394698 °
DWR ID	DWR_NA0013_01_f_2014_4				
Action/Comments					
Inspector Comments: This wire gate across the crown roadway needs to be replaced.					

Photo 1 of 1 : FA_2015_NA0013_331_4_20151020_00003.jpg



This wire gate needs replacing, it poses a safety hazard.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
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Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Black Rascal Diversion	Left	1.85	10/20/2015 10/20/2015	Herman Phillips

LM Start	0.01	Rating **	A	Issue No.	16
LM End	0.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.337022 °	37.331307 °
				-120.387448 °	-120.394517 °
DWR ID	DWR_NA0013_02_f_2015_16				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: No unwanted vegetation on the landside levee slope.					

Photo 1 of 1 : FA_2015_NA0013_332_16_20151020_00014.jpg



Black Rascal Creek looking downstream from levee mile 0.01.

LM Start	0.01	Rating **	A	Issue No.	17
LM End	1.84	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.337022 °	°
				-120.387448 °	°
DWR ID	DWR_NA0013_02_f_2015_17				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.05	Rating **	C	Issue No.	18
LM End	0.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.336790 °	37.331656 °
				-120.388135 °	-120.394289 °
DWR ID	DWR_NA0013_02_s_2014_18				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Black Rascal Diversion	Left	1.85	10/20/2015 10/20/2015	Herman Phillips

LM Start	0.94	Rating **	C	Issue No.	7
LM End	1.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.327791 °	37.326354
				-120.396097 °	-120.396074
DWR ID	DWR_NA0013_02_f _ 2012_7				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	1.01	Rating **	C	Issue No.	1
LM End	1.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.326801 °	37.314669 °
				-120.396067 °	-120.395810 °
DWR ID	DWR_NA0013_02_s _ 2014_1				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	1.29	Rating **	C	Issue No.	3
LM End	1.29	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.322615 °	37.322615 °
				-120.395948 °	-120.395948 °
DWR ID					
Action/Comments					
Inspector Comments: 09/03/2015: The ersion site has been repaired, and vegetation has been removed. Minor erosion is still visible at the lower bank slope near the discharge structure. 7/31/2014: Soil has been added near the site and more vegetation is visible. 7/16/2013: The site was reported in the 2013 Spring Levee Inspection Reports. The erosion was caused by the water from the discharge line crossing the levee. Above the erosion a concrete discharge structure is present at the levee toe. The site is covered with dense vegetation. [2015 Site ID:NA0013U02RM1.31]					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Black Rascal Diversion	Left	1.85	10/20/2015 10/20/2015	Herman Phillips

LM Start	1.29	Rating **	C	Issue No.	14
LM End	1.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.322615 °	37.322615 °
				-120.395948 °	-120.395948 °
DWR ID	DWR_NA0013_02_s _ 2012_14				
Action/Comments					
Note and monitor erosion site.					
Inspector Comments: District needs to place riprap under this discharge line to prevent more erosion.					

No Photos

LM Start	1.32	Rating **	C	Issue No.	15
LM End	1.43	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.322212 °	37.320701 °
				-120.395620 °	-120.395767 °
DWR ID	DWR_NA0013_02_s _ 2012_15				
Action/Comments					
Repair depressions or ruts in the crown or slope.					

No Photos

LM Start	1.44	Rating **	C	Issue No.	9
LM End	1.46	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.320518 °	37.320168 °
				-120.396029 °	-120.396011 °
DWR ID	DWR_NA0013_02_s _ 2013_9				
Action/Comments					
Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comments: Crown roadway damage by vehicles traveling while roadway was wet.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 02 Black Rascal Diversion	Left	1.85	10/20/2015 10/20/2015	Herman Phillips

LM Start	1.44	Rating **	C	Issue No.	22
LM End	1.51	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.320465 °	37.319523 °
				-120.396023 °	-120.396027 °
DWR ID	DWR_NA0013_02_f _ 2014_22				
Action/Comments					
Add appropriate material and re-grade the levee to bring the crown above the design elevation.					

No Photos

LM Start	1.52	Rating **	C	Issue No.	11
LM End	1.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.319316 °	37.319316 °
				-120.396007 °	-120.396007 °
DWR ID	DWR_NA0013_02_s _ 2012_11				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	1.63	Rating **	C	Issue No.	4
LM End	1.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.317802 °	37.317802 °
				-120.395765 °	-120.395765 °
DWR ID	DWR_NA0013_02_s _ 2013_4				
Action/Comments					
Tree stumps.					

No Photos

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Black Rascal Diversion	Left	1.85	10/20/2015 10/20/2015	Herman Phillips

LM Start	1.64	Rating **	C	Issue No.	28
LM End	1.85	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.317588 °	37.314669 °
				-120.395738 °	-120.395810 °
DWR ID	DWR_NA0013_02_f_2014_28				
Action/Comments					
Keep the crown roadway free of vegetation.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Owens Creek Diversion	Right	1.43	10/20/2015 10/20/2015	Herman Phillips

LM Start	0.00	Rating **	C	Issue No.	20
LM End	0.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.257731 °	37.259965 °
				-120.288546 °	-120.288560 °
DWR ID	DWR_NA0013_03_s _ 2014_20				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

No Photos

LM Start	0.00	Rating **	C	Issue No.	21
LM End	0.65	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.257731 °	37.266833 °
				-120.288546 °	-120.287558 °
DWR ID	DWR_NA0013_03_s _ 2014_21				
Action/Comments					
Keep the crown roadway free of vegetation.					
Inspector Comments: Crown roadway shall be free of vegetation.					

No Photos

LM Start	0.01	Rating **	A	Issue No.	17
LM End	1.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.257730 °	37.273627 °
				-120.288435 °	-120.277820 °
DWR ID	DWR_NA0013_03_f __ 2015_17				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: The Maintaining Agency has done a great job clearing the slope of unwanted vegetation.					

Photo 1 of 1 : FA_2015_NA0013_333_17_20151020_00013.jpg



Owens Creek looking downstream from levee mile 0.00 waterside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Owens Creek Diversion	Right	1.43	10/20/2015 10/20/2015	Herman Phillips

LM Start	0.01	Rating **	A	Issue No.	16
LM End	1.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.257730 °	37.273645 °
				-120.288435 °	-120.277778 °
DWR ID	DWR_NA0013_03_f _ 2015_16				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.12	Rating **	C	Issue No.	28
LM End	0.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.259383 °	37.260410 °
				-120.288545 °	-120.288557 °
DWR ID	DWR_NA0013_03_f _ 2014_28				
Action/Comments					
Repair slope instability.					

No Photos

LM Start	0.17	Rating **	C	Issue No.	11
LM End	0.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.260055 °	37.260055 °
				-120.288545 °	-120.288545 °
DWR ID	DWR_NA0013_03_s _ 2013_11				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 03 Owens Creek Diversion	Right	1.43	10/20/2015 10/20/2015	Herman Phillips

LM Start	0.25	Rating **	C	Issue No.	25
LM End	0.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.261205 °	37.261205 °
				-120.288550 °	-120.288550 °
DWR ID	DWR_NA0013_03_s _ 2014_25				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	0.40	Rating **	M	Issue No.	18
LM End	0.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.263363 °	37.265958 °
				-120.288308 °	-120.288250 °
DWR ID	DWR_NA0013_03_f _ 2015_18				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.55	Rating **	C	Issue No.	3
LM End	0.61	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.265460 °	37.266225 °
				-120.288447 °	-120.287980 °
DWR ID	DWR_NA0013_03_f _ 2012_3				
Action/Comments					
Repair depressions or ruts in the crown or slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 03 Owens Creek Diversion	Right	1.43	10/20/2015 10/20/2015	Herman Phillips

LM Start	0.58	Rating **	M	Issue No.	13
LM End	1.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.265933 °	37.272580 °
				-120.288187 °	-120.280607 °
DWR ID	DWR_NA0013_03_f _ 2015_13				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.73	Rating **	C	Issue No.	5
LM End	0.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.267714 °	37.267714 °
				-120.286717 °	-120.286717 °
DWR ID	DWR_NA0013_03_f _ 2012_5				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	1.20	Rating **	C	Issue No.	15
LM End	1.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.272510 °	37.272860 °
				-120.281043 °	-120.280287 °
DWR ID	DWR_NA0013_03_s _ 2013_15				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 03 Owens Creek Diversion	Right	1.43	10/20/2015 10/20/2015	Herman Phillips

LM Start	1.21	Rating **	C	Issue No.	971
LM End	1.21	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.272553 °	37.272553 °
				-120.280742 °	-120.280742 °
DWR ID	DWR_NA0013_03_s _ 2012_971				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	1.22	Rating **	C	Issue No.	8
LM End	1.22	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.272584 °	37.272584 °
				-120.280543 °	-120.280543 °
DWR ID	DWR_NA0013_03_s _ 2012_8				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: This unit is maintained as far as the vegetation is concerned, however there is a problem with the rodents. The District should have bait stations throughout the area where rodents are present.					

No Photos

LM Start	1.24	Rating **	C	Issue No.	7
LM End	1.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.272707 °	37.273379 °
				-120.280334 °	-120.279976 °
DWR ID	DWR_NA0013_03_s _ 2012_7				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: During the Fall inspection is the Owens Creek Unit 3 inspection did not see any rodents.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Owens Creek Diversion	Right	1.43	10/20/2015 10/20/2015	Herman Phillips

LM Start	1.39	Rating **	C	Issue No.	33
LM End	1.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.273537 °	37.273627 °
				-120.278290 °	-120.277823 °
DWR ID	DWR_NA0013_03_f_2014_33				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Owens Creek Diversion	Left	1.42	10/20/2015 10/20/2015	Herman Phillips

LM Start	0.00	Rating **	C	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.273335 °	37.273335
				-120.277752 °	-120.277752
DWR ID	DWR_NA0013_04_f _ 2012_6				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	0.01	Rating **	A	Issue No.	14
LM End	1.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.273325 °	37.257665 °
				-120.277813 °	-120.287995 °
DWR ID	DWR_NA0013_04_f _ 2015_14				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.01	Rating **	A	Issue No.	16
LM End	1.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.273325 °	37.257472 °
				-120.277813 °	-120.288155 °
DWR ID	DWR_NA0013_04_f _ 2015_16				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Owens Creek Diversion	Left	1.42	10/20/2015 10/20/2015	Herman Phillips

LM Start	0.06	Rating **	C	Issue No.	33
LM End	0.15	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.273338 °	7.272283 °
				-120.278822 °	-121.280870 °
DWR ID	DWR_NA0013_04_s _ 2014_33				
Action/Comments					
Keep the crown roadway free of vegetation.					

No Photos

LM Start	0.13	Rating **	C	Issue No.	10
LM End	0.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.273070 °	37.272466 °
				-120.279985 °	-120.280214 °
DWR ID	DWR_NA0013_04_s _ 2012_10				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	0.18	Rating **	M	Issue No.	34
LM End	1.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.272495 °	
				-120.280193 °	
DWR ID	DWR_NA0013_04_s _ 2014_34				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Owens Creek Diversion	Left	1.42	10/20/2015 10/20/2015	Herman Phillips

LM Start	0.18	Rating **	C	Issue No.	8
LM End	0.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.272429 °	37.272380 °
				-120.280250 °	-120.280360 °
DWR ID	DWR_NA0013_04_f _ 2012_8				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: There should be bait stations placed along the infested areas.					

No Photos

LM Start	0.19	Rating **	C	Issue No.	27
LM End	0.34	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.272382 °	37.271318 °
				-120.280373 °	-120.282742 °
DWR ID	DWR_NA0013_04_f _ 2014_27				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Remove the unwanted wild growth from the waterward slope.					

No Photos

LM Start	0.23	Rating **	C	Issue No.	31
LM End	0.23	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.272219 °	37.272219 °
				-120.281157 °	-120.281157 °
DWR ID	DWR_NA0013_04_s _ 2012_31				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Owens Creek Diversion	Left	1.42	10/20/2015 10/20/2015	Herman Phillips

LM Start	0.24	Rating **	C	Issue No.	17
LM End	0.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.272157 °	37.272029 °
				-120.281152 °	-120.281500 °
DWR ID	DWR_NA0013_04_f _ 2012_17				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	0.25	Rating **	C	Issue No.	21
LM End	0.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.272081 °	37.265389 °
				-120.281483 °	-120.288041 °
DWR ID	DWR_NA0013_04_s _ 2012_21				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	0.45	Rating **	C	Issue No.	28
LM End	1.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.270375 °	37.262058 °
				-120.284205 °	-120.288098 °
DWR ID	DWR_NA0013_04_f _ 2014_28				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Owens Creek Diversion	Left	1.42	10/20/2015 10/20/2015	Herman Phillips

LM Start	0.48	Rating **	C	Issue No.	22
LM End	0.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.270016 °	37.269254 °
				-120.284539 °	-120.285127 °
DWR ID	DWR_NA0013_04_s _ 2012_22				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	0.50	Rating **	C	Issue No.	2
LM End	0.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.269709 °	37.269709 °
				-120.284712 °	-120.284712 °
DWR ID	DWR_NA0013_04_s _ 2012_2				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	0.60	Rating **	C	Issue No.	12
LM End	1.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.268544 °	37.262887 °
				-120.285738 °	-120.287889 °
DWR ID	DWR_NA0013_04_s _ 2012_12				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Owens Creek Diversion	Left	1.42	10/20/2015 10/20/2015	Herman Phillips

LM Start	0.87	Rating **	C	Issue No.	29
LM End	0.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.265188 °	37.263963 °
				-120.288058 °	-120.288050 °
DWR ID	DWR_NA0013_04_f _ 2014_29				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: District need to place bait stations along infested areas of the levee section where activity is high.					

No Photos

LM Start	0.93	Rating **	C	Issue No.	36
LM End	0.93	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.264325 °	37.264325 °
				-120.288038 °	-120.288038 °
DWR ID	DWR_NA0013_04_s _ 2012_36				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	1.02	Rating **	C	Issue No.	18
LM End	1.38	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.262920 °	37.257759 °
				-120.287842 °	-120.287956 °
DWR ID	DWR_NA0013_04_s _ 2012_18				
Action/Comments					
Add appropriate material and re-grade the levee to bring the crown above the design elevation.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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